Γ				10 2	5 MAR 2002 1	
U.S. APPLICATION NO. (if kno	1879277	STERNATIONAL APPLICATION NO.	PCT/EP01/005	80 NITTORNEY	s docket number 60003	
BASIC NATIONAL Neither internation nor international se	earch fee (37 CFR 1 445)	ion fee (37 CER 1 482)			NS PTO USE ONLY	
International prelin	ninary examination fee (37 CFR 1.482) not paid to epared by the EPO or JPC	0			
International prelin but international se	ninary examination fee (2 arch fee (37 CFR 1.445(a	37 CFR 1.482) not paid to a)(2)) paid to USPTO	USPTO \$740.00			ų,
but all claims did no	ninary examination fee (2 ot satisfy provisions of PC	·	A.			
and all claims satisf	fied provisions of PCT A	37 CFR 1.482) paid to US rticle 33(1)-(4)	\$100,00	s 890.00	<u> </u>	-
Surcharge of \$130.0		or declaration later than	X 20 30	\$ 130.00		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	S		-
-Fotal claims	5 - 20 =	0	x \$18.00	S		-
Independent claims	1 -3 =	0	x \$84.00	S		1
MULTIPLE DEPENI	DENT CLAIM(S) (if ap	plicable)	+ \$280.00	s 280.00	- 1	
n digginari	TOTAL C	OF ABOVE CALCU	LATIONS =	\$ 1300.00		
Applicant claim are reduced by	s small entity status. See	e 37 CFR 1.27. The fees	indicated above +	S		
		SU	JBTOTAL =	\$1300.00		1
Processing fee of \$13 months from the earl	30.00 for furnishing the liest claimed priority date			S		1
		TOTAL NATIO		s 1300.00		1
Fee for recording the accompanied by an a	enclosed assignment (3) ppropriate cover sheet (3)	7 CFR 1.21(h)). The assi 7 CFR 3.28, 3.31). \$40.0	gnment must be 10 per property +	S		
		TOTAL FEES E	NCLOSED =	s 1300,00		7
		. A second of		Amount to be refunded:	\$]
		· · · · · · · · · · · · · · · · · · ·	· .	charged:	\$	_[_
b. X Please charg A duplicate c. The Commisoverpaymen d. Fees are to be	ge my Deposit Account No.	to cover the No. 50-1432 in losed: zed to charge any addition A duplicated warning: Information this form. Provide cr	the amount of \$ 130 nal fees which may be ate copy of this sheet	00.00 to cover e required, or credi is enclosed.	it any	
NOTE: Where an	appropriate time limit u	ınder 37 CFR 1.494 or 1	.495 has not been m			
1.137 (a) or (b)) mu	st be filed and granted	to restore the application	n to pending status.			
SEND ALL CORRESPO	NDENCE TO:					Service.
Calvin P. Gri	ffith		SIGNATUR		J	1
Jones, <u>Day,</u> R	eavis & Pogue				•	
North Point				in P. Griffi	th	
901 Lakeside Cleveland OH			NAME	e de la companya de l		1
US US	44114		<u>34,83</u>			
ud	The second secon		REGISTRA	ATION NUMBER	en e	

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTORNEY'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

313525600003 U.S. APPLICATION NO. (If known, see 37 CFR 1.5

		NG UNDER 35 U.S.C. 371	10/089277					
INTER	NATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED					
	EPO1/00580 OF INVENTION	January 19, 2001	July 27, 2000					
	DEVICE FOR DETECTING CHANGES IN THE DENSITY OF A MEDIUM							
	APPLICANT(S) FOR DO/EO/US Eckard GLASER, Miroslaw WROBEL, Janet GRASSMAN,							
Stergios STERGIOPOULOS, Heinke LANGE Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:								
1. 🔀	This is a FIRST submission of item	s concerning a filing under 35 U.S.C. 371.						
2.	This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.							
3. X	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.							
4. X 5. X	The US has been elected by the expiration of 19 months from the priority date (Article 31). A copy of the International Application as filed (35 U.S.C. 371(c)(2))							
KY.	a. is attached hereto (required only if not communicated by the International Bureau).							
		y the International Bureau.						
	c. is not required, as the app	lication was filed in the United States Receiving	ng Office (RO/US).					
6. X	An English language translation of	the International Application as filed (35 U.S.	C. 371(c)(2)).					
	a. X is attached hereto.							
₇ \square		itted under 35 U.S.C. 154(d)(4).	25 M.G.G. 251()(2))					
7		ternational Aplication under PCT Article 19 (red only if not communicated by the Internation						
		by the International Bureau.	onai Bureau).					
		ever, the time limit for making such amendme	onto has NOT avaired					
	d. have not been made and w		ants has NOT expired.					
8. 🗀	_		1 10 (25 H G G 271 ()(2))					
9. \square	An oath or declaration of the invent	he amendments to the claims under PCT Artic	cie 19 (33 U.S.C. 3/1 (c)(3)).					
_								
10.	Article 36 (35 U.S.C. 371(c)(5)).	he annexes of the International Preliminary E	xamination Report under PCT					
Item	as 11 to 20 below concern documen	t(s) or information included:						
1.	An Information Disclosure Statem	ent under 37 CFR 1.97 and 1.98.						
2.	An assignment document for record	rding. A separate cover sheet in compliance v	with 37 CFR 3.28 and 3.31 is included.					
3.	A FIRST preliminary amendment							
4.	A SECOND or SUBSEQUENT p	reliminary amendment.						
5.	A substitute specification.							
6.	A change of power of attorney and	l/or address letter.						
7.	A computer-readable form of the s	sequence listing in accordance with PCT Rule	13ter.2 and 35 U.S.C. 1.821 - 1.825					
8.	A second copy of the published in	ternational application under 35 U.S.C. 154(d)(4). 					
9. 🗌	A second copy of the English lang	guage translation of the international applica.	EL777942950302					
0.	Other items or information:	"Express	stem married and a continue of the continue of					
		Date of £	Deposit March 25,2002					
		gr.,						

Thereby certify that this paper of lees

being deposited with the united States Postal Service "Express Moil Post Office to Addressee" service under 37 CVR 1.10 on the date indicated above and is addressed to: Assistant Commissioner for Patents, Washington, D.C.

page 1 of 2

FORM PTO-1390 (REV. 12-2001)

CIS RESPETIPTO 2 5 MAR 2002

U.S. APPLICATION NO. (if kno	ゔ゚ゟ゚ゔ゚ゔ゚ヺ ゚゚゚゚゚゙゙゙゙゙゚゚゚゙゙゙゙゙゚゚゙゙゚ゔ゚ゔ゚゚゚゚゚゚゚゚゚゚	INTERNATIONAL APPLICATION NO.	PCT/EP01/005	80 31352560	OCKET NUMBER
				CALCULATIONS	
	ving fees are submitted: L FEE (37 CFR 1.492 (a	(1) (5)).		- CHECCETTIONS	THO COL CIVET
i e	nal preliminary examinat	, , , , , , , , , , , , , , , , , , , ,			
nor international se	earch fee (37 CFR 1 445	(a)(2)) paid to USPTO			
and International S	search Report not prepar	ed by the EPO or JPO	\$1040.00		
International prelin USPTO but Intern	ninary examination fee (ational Search Report pi	37 CFR 1.482) not paid to epared by the EPO or JPC	9 \$890.00		
International prelin but international se	ninary examination fee (arch fee (37 CFR 1.445)	37 CFR 1.482) not paid to a)(2)) paid to USPTO	USPTO \$740.00		
International prelin but all claims did n	ninary examination fee (ot satisfy provisions of F	(37 CFR 1.482) paid to US CT Article 33(1)-(4)	SPTO \$710.00		
International prelin	ninary examination fee (37 CFR 1.482) paid to US	SPTO		
and all claims satis	fied provisions of PCT A	Article 33(1)-(4)	\$100.00		
ENTE	R APPROPRIATE	BASIC FEE AMO	UNT =	\$ 890.00	
Surcharge of \$130.0 months from the ear	0 for furnishing the oath liest claimed priority da	or declaration later than te (37 CFR 1.492(e)).	X 20 30	\$ 1130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	5 - 20 =	0	x \$18.00	\$	
Independent claims	<u>1</u> 5 − 3 =	0	x \$84.00	\$	<u> </u>
MULTIPLE DEPEN	DENT CLAIM(S) (if ap		+ \$280.00	\$ 280.00	
	TOTAL (OF ABOVE CALCU	LATIONS =	\$1300.00	
Applicant claim are reduced by		ee 37 CFR 1.27. The fees	indicated above +	\$	
		SU	JBTOTAL =	\$ 1300/00	
Processing fee of \$1.	30.00 for furnishing the	English translation later th			
months from the ear	liest claimed priority dat	te (37 CFR 1.492(f)).		\$	
		TOTAL NATIO	NAL FEE =	\$1300.00	
Fee for recording the accompanied by an a	e enclosed assignment (3 appropriate cover sheet (37 CFR 1.21(h)). The assi 37 CFR 3.28, 3.31). \$40.	gnment must be 00 per property +	\$	
		TOTAL FEES E	NCLOSED =	\$ 1300.00	
				Amount to be	\$
				refunded:	
			. ,	charged:	\$
		to cover th			
b. X Please char A duplicate	ge my Deposit Account e copy of this sheet is en	No. <u>50-1432</u> in closed.	the amount of $\frac{13}{}$	00.00 to cover th	ne above fees.
		rized to charge any addition of the charge any addition of the charge and additional of the charge and addition			any
d. Fees are to	be charged to a credit c	ard. WARNING: Inform	ation on this form ma	y become public. C	redit card
Information	snould not be included	l on this form. Provide c	redit card information	and authorization of	on PTO-2038.
		under 37 CFR 1.494 or identification		et, a petition to rev	ive (37 CFR
SEND ALL CORRESPO	ONDENCE TO:		()	$\langle \cdot \rangle \langle \cdot \rangle \langle \cdot \rangle \langle \cdot \rangle$	
Calvin P. Gr			CIONATE		J
	Reavis & Pogue		SIGNATU		•
North Point	5 10840			in P. Griffit	:h
901 Lakeside	Avenue	,	NAME		
Cleveland OH			34,83	1	
US				ATION NUMBER	